

1

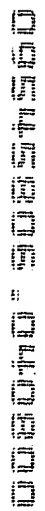


FIG. 2

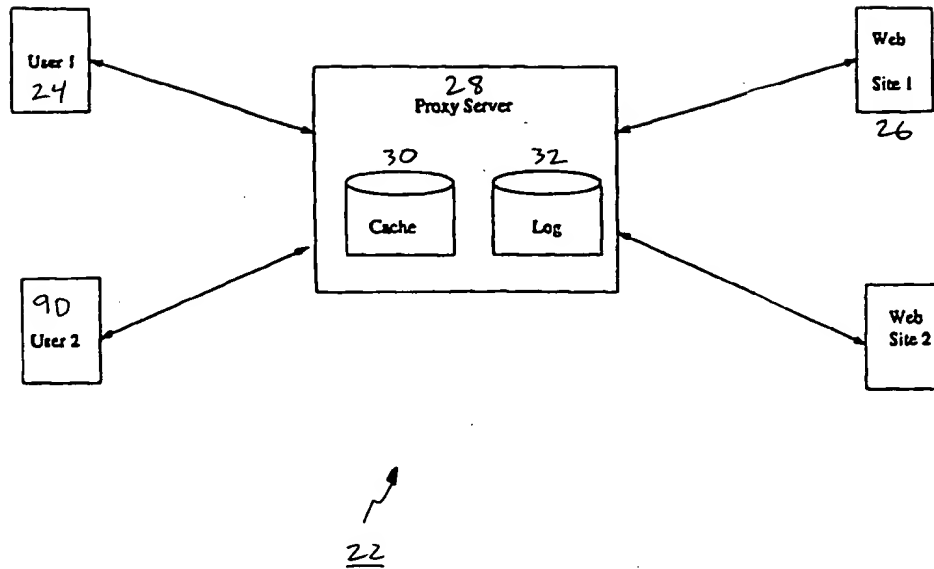


FIG. 3

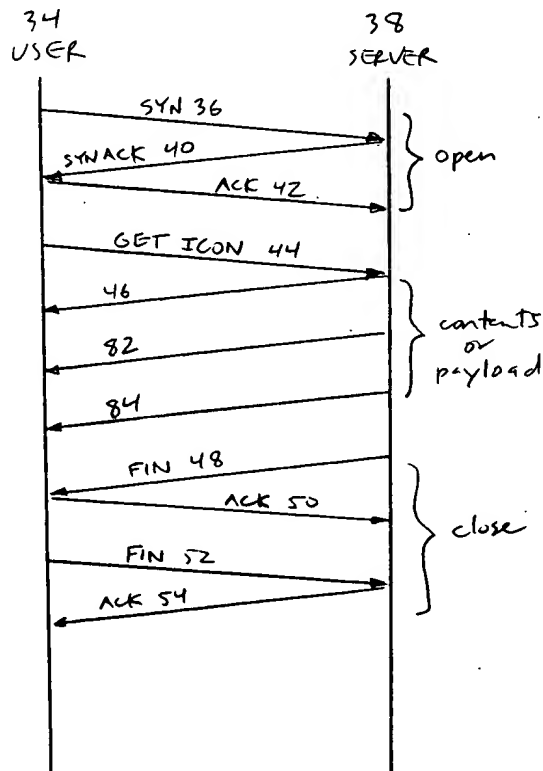
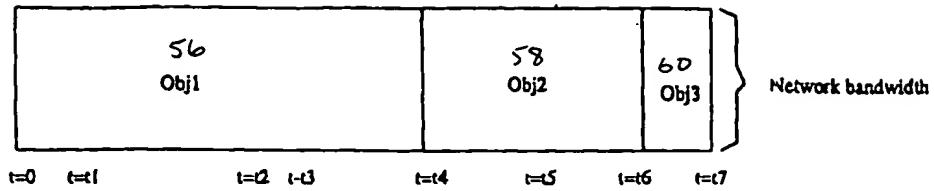


FIG. 4

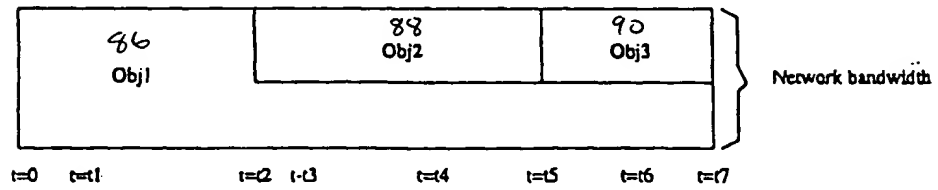
(a) Approach 1

FIG. 4(a)



(b) Approach 2

FIG. 4(b)



(c) Proposed Approach

FIG. 4(c)

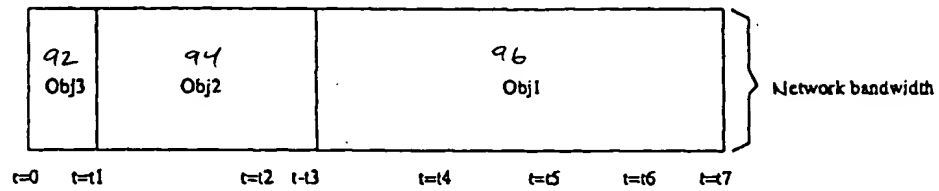
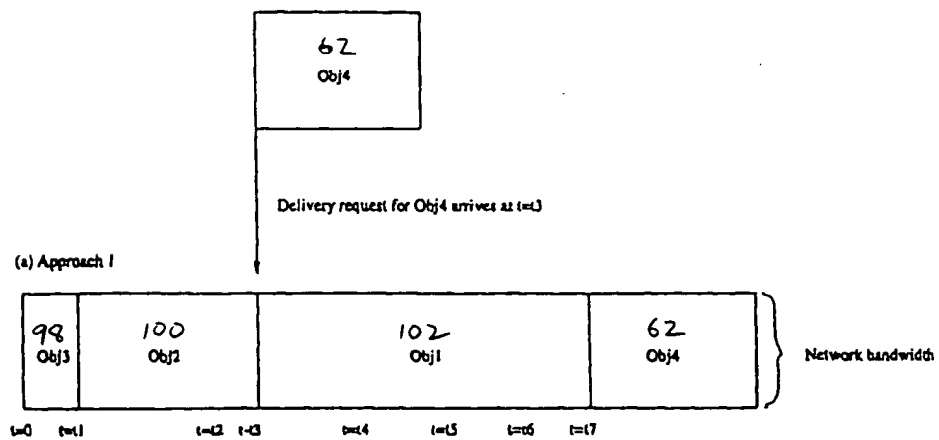


FIG. 5

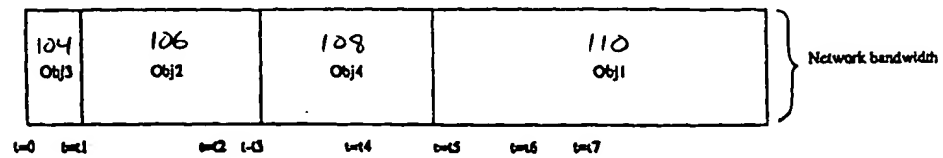
(a) Approach 1

FIG. 5(a)



(b) Proposed Approach

FIG. 5(b)



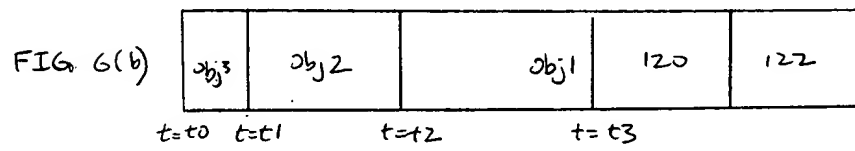
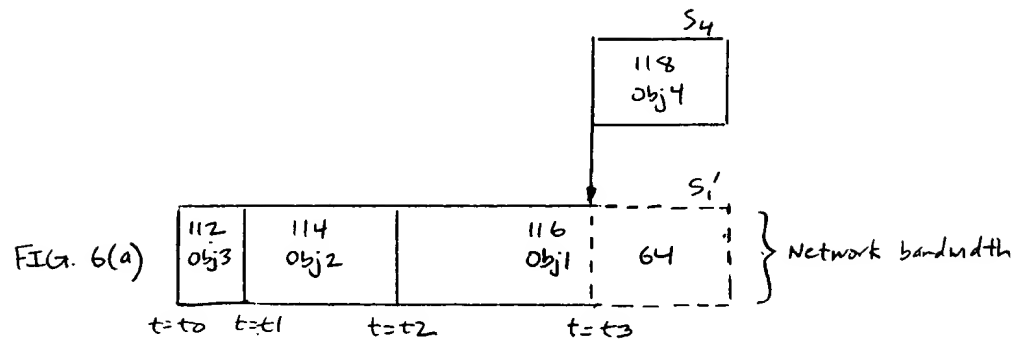
[illegible]

Figure 7(a)
HTTP 1.0 Protocol

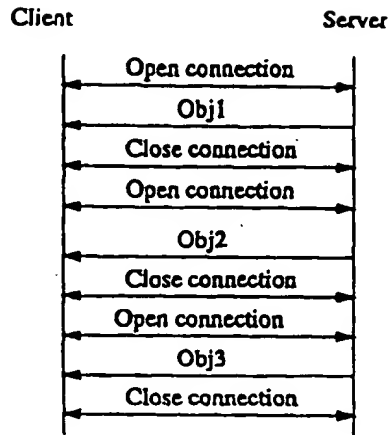


Figure 7(b)
Proposed Persistent Connection

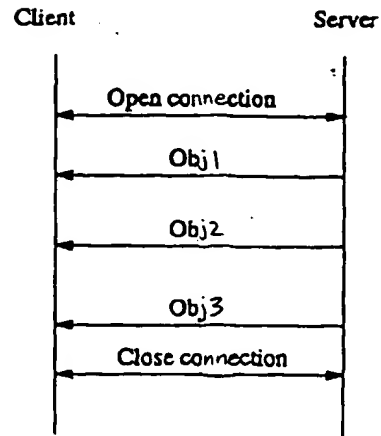


Figure 7: Overview of Object Fetch based on HTTP 1.0 Protocol versus Proposed Protocol

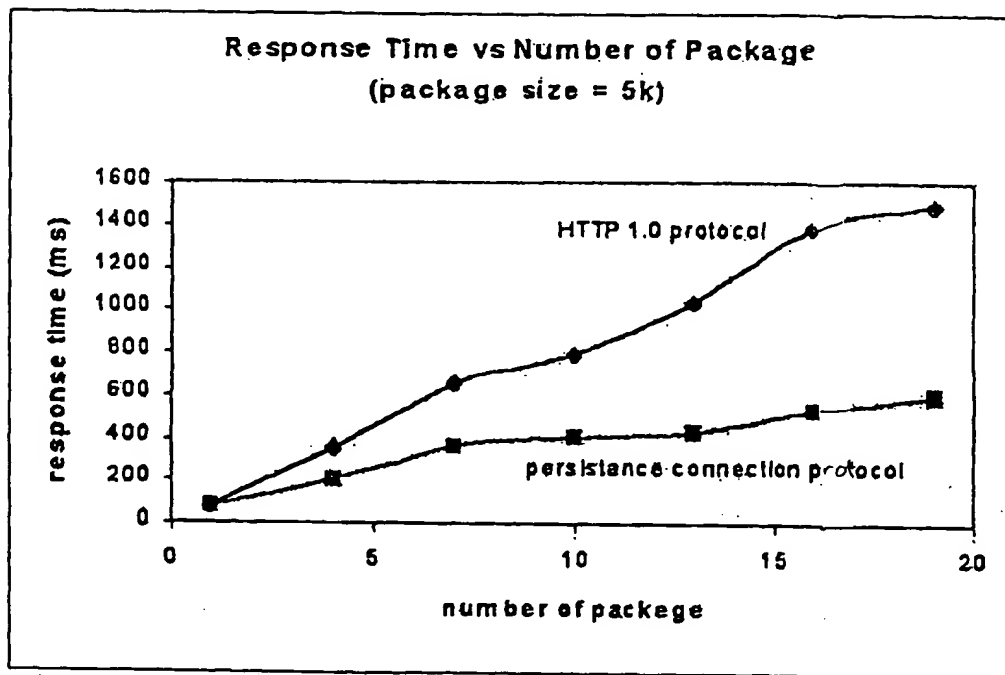
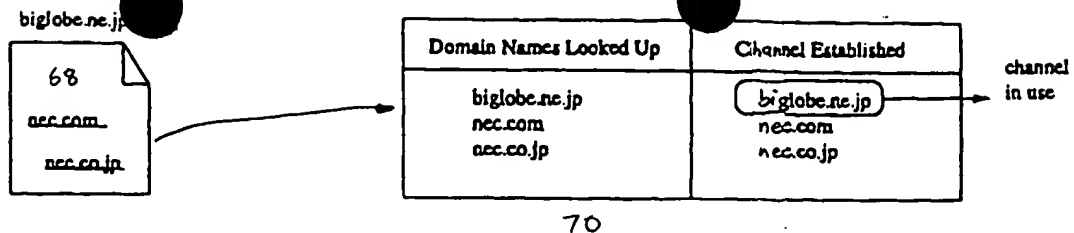


Figure 8: Response Time Comparisons between Object Fetch based on HTTP 1.0 Protocol and Object Fetch based on Proposed Protocol

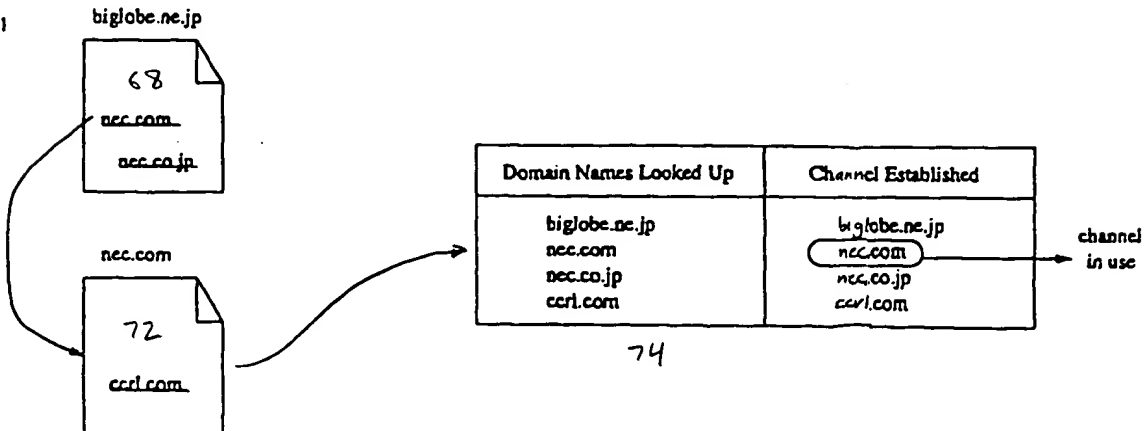
(a) T=0

FIG. 9(a)



(b) T=1

FIG. 9(b)



(c) T=2

FIG. 9(c)

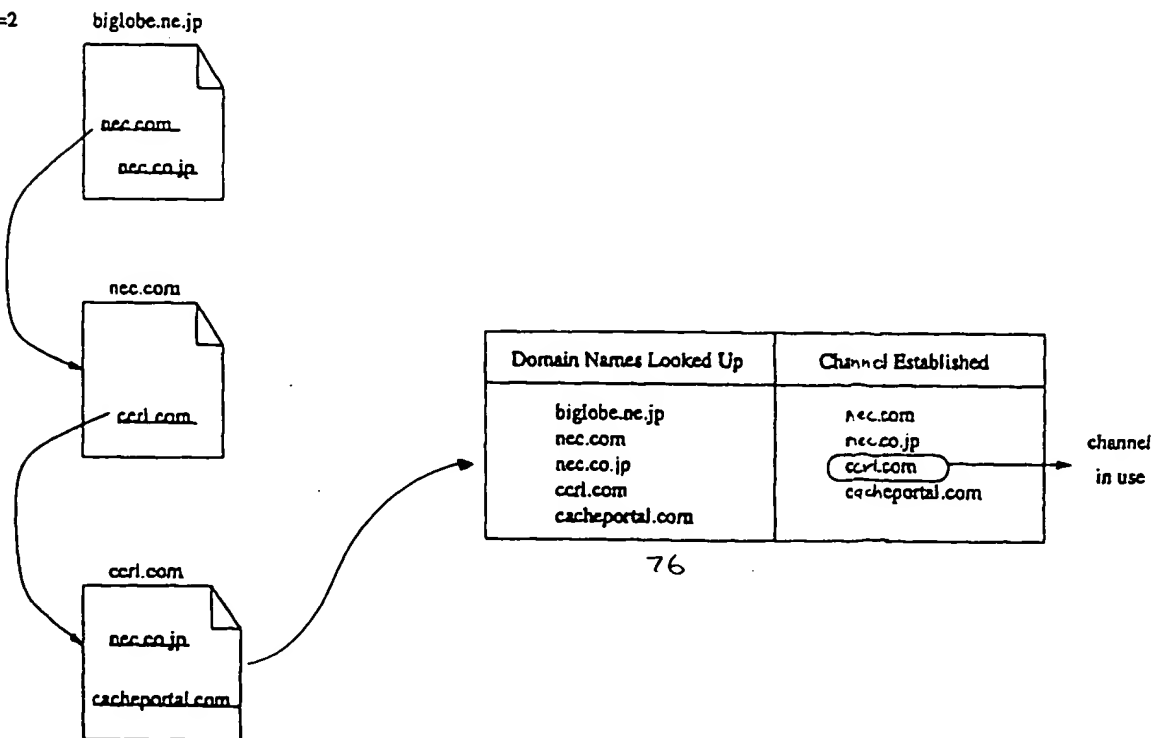


Figure 9: Overview of Pre-domain Name lookup and Pre-establishing Connection

FIG. 10

IP	URL	Time Stamp
IP1	P1.html	t1
IP2	P2.html	t2
IP1	obj1.jpg	t3
IP1	obj2.jpg	t4
IP2	obj3.jpg	t5
IP3	P3.html	t6
IP1	obj4.jpg	t7
IP1	obj5.jpg	t8
•	•	•
•	•	•
•	•	•
•	•	•
•	•	•
•	•	•

< P1.html, obj1.jpg, obj2.jpg, obj4.jpg, obj5.jpg >

< P2.html, obj3.jpg >

008070 = 90394560